RAW SEQUENCE LISTING
PATENT APPLICATION **US/08/955,572B**

DATE: 08/03/1999
TIME: 16:21:05

Input Set: **H955572B.RAW**

This Raw Listing contains the General Information Section and up to first 5 pages.

<110> APPLICANT: Kwon, Byoung
<120> TITLE OF INVENTION: NEW RECEPTOR AND RELATED PRODUCTS AND METHODS
<130> FILE REFERENCE: 740.013US2
<140> CURRENT APPLICATION NUMBER: US/08/955,572B
<141> CURRENT FILING DATE: 1997-10-22
<150> EARLIER APPLICATION NUMBER: 08/461,652
<151> EARLIER FILING DATE: 1995-06-05
<150> EARLIER APPLICATION NUMBER: 08/122,796
<151> EARLIER FILING DATE: 1993-09-03
<160> NUMBER OF SEQ ID NOS: 10
<170> SOFTWARE: FastSEQ for Windows Version 3.0
<210> SEQ ID NO 1
<211> LENGTH: 838
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 1

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ttgtagtaac tgcccagctg gtacattctg tgataataac aggaatcaga tttgcagtcc 180
ctgtcctcca aatagtttct ccagcgcagg tggacaaagg acctgtgaca tatgcaggca 240
gtgtaaaggt gttttcagga ccaggaagga gtgttcctcc accagcaatg cagagtgtga 300
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catctccttc tttcttgcgc tgacgtcgac tgcgttgctc ttcctgctgt tcttcctcac 660
gctccgtttc tctgttgtta aacggggcag aaagaaactc ctgtatatat tcaaacaacc 720
atttatgaga ccagtacaaa ctactcaaga ggaagatggc tgtagctgcc gatttccaga 780
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<210> SEQ ID NO 2
<211> LENGTH: 255
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2

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 1 5 10 15
Asn Phe Glu Arg Thr Arg Ser Leu Gln Asp Pro Cys Ser Asn Cys Pro
 20 25 30
Ala Gly Thr Phe Cys Asp Asn Asn Arg Asn Gln Ile Cys Ser Pro Cys
 35 40 45
Pro Pro Asn Ser Phe Ser Ser Ala Gly Gly Gln Arg Thr Cys Asp Ile
 50 55 60

Cys Arg Gln Cys Lys Gly Val Phe Arg Thr Arg Lys Glu Cys Ser Ser
65 70 75 80
Thr Ser Asn Ala Glu Cys Asp Cys Thr Pro Gly Phe His Cys Leu Gly
85 90 95
Ala Gly Cys Ser Met Cys Glu Gln Asp Cys Lys Gln Gly Gln Glu Leu
100 105 110
Thr Lys Lys Gly Cys Lys Asp Cys Cys Phe Gly Thr Phe Asn Asp Gln
115 120 125
Lys Arg Gly Ile Cys Arg Pro Trp Thr Asn Cys Ser Leu Asp Gly Lys
130 135 140
Ser Val Leu Val Asn Gly Thr Lys Glu Arg Asp Val Val Cys Gly Pro
145 150 155 160
Ser Pro Ala Asp Leu Ser Pro Gly Ala Ser Ser Val Thr Pro Pro Ala
165 170 175
Pro Ala Arg Glu Pro Gly His Ser Pro Gln Ile Ile Ser Phe Phe Leu
180 185 190
Ala Leu Thr Ser Thr Ala Leu Leu Phe Leu Leu Phe Phe Leu Thr Leu
195 200 205
Arg Phe Ser Val Val Lys Arg Gly Arg Lys Lys Leu Leu Tyr Ile Phe
210 215 220
Lys Gln Pro Phe Met Arg Pro Val Gln Thr Thr Gln Glu Glu Asp Gly
225 230 235 240
Cys Ser Cys Arg Phe Pro Glu Glu Glu Glu Gly Gly Cys Glu Leu
245 250 255

<210> SEQ ID NO 3
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3
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<210> SEQ ID NO 4
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 4
ttytcstsca htggtggaca 20

<210> SEQ ID NO 5
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 5
cccargswrc aggtyttrca 20

<210> SEQ ID NO 6
<211> LENGTH: 20
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 6
ttytgrtcrt traatgttcc 20

<210> SEQ ID NO 7
<211> LENGTH: 25

95 <212> TYPE: DNA
96 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 7
98 aataagcttt gctagtatca tacct 25
99 <210> SEQ ID NO 8
100 <211> LENGTH: 30
101 <212> TYPE: DNA
102 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 8
104 ttaagatctc tgcggagagt gtcctggctc 30
105 <210> SEQ ID NO 9
106 <211> LENGTH: 2350
107 <212> TYPE: DNA
108 <213> ORGANISM: Mus musculus
109 <220> FEATURE:
110 <221> NAME/KEY: unsure
111 <222> LOCATION: (1253)...(1255)
112 <223> OTHER INFORMATION: (a or g or c or t/u)
113 <400> SEQUENCE: 9
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115 ctacaccagg aaaaggacac attcgacaac aggaaaggag cctgtcacag aaaaccacag 120
116 tgtcctgtgc atgtgacatt tcgccatggg aaacaactgt tacaacgtgg tggtcattgt 180
117 gctgctgcta gtgggctgtg agaaggtggg agccgtgcag aactcctgtg ataactgtca 240
118 gcctggtact ttctgcagaa aatacaatcc agtctgcaag agctgccctc caagtacctt 300
119 ctccagcata ggtggacagc cgaactgtaa catctgcaga gtgtgtgcag gctatttcag 360
120 gttcaagaag ttttgctcct ctacccacaa cgcggagtgt gagtgcattg aaggattcca 420
121 ttgcttgggg ccacagtgca ccagatgtga aaaggactgc aggcctggcc aggagctaac 480
122 gaagcagggt tgcaaaacct gtagcttggg aacatttaat gaccagaacg gtactggcgt 540
123 ctgtcgaccc tggacgaact gctctctaga cggaaggtct gtgcttaaga ccgggaccac 600
124 ggagaaggac gtggtgtgtg gacccctgt ggtgagcttc tctcccagta ccaccatttc 660
125 tgtgactcca gagggaggac caggagggca ctccttgcag gtccttacct tgttcctggc 720
126 gctgacatcg gctttgctgc tggccctgat cttcattact ctcctgttct ctgtgctcaa 780
127 atggatcagg aaaaaattcc cccacatatt caagcaacca tttaagaaga ccactggagc 840
128 agctcaagag gaagatgctt gtagctgccg atgtccacag gaagaagaag gaggaggagg 900
129 aggctatgag ctgtgatgta ctatcctagg agatgtgtgg gccgaaaccg agaagcacta 960
130 ggaccccacc atcctgtgga acagcacaag caaccccacc accctgttct tacacatcat 1020
131 cctagatgat gtgtgggcgc gcacctcatc caagtctctt ctaacgctaa catatttgtc 1080
132 tttacctttt ttaaatcttt ttttaaattt aaattttatg tgtgtgagtg ttttgcctgc 1140
133 ctgtatgcac acgtgtgtgt gtgtgtgtgt gtgacactcc tgatgcctga ggaggtcaga 1200
W--> 134 **agacaaaggg ttggttccat aagaactgga gttatggatg gctgtgagcc ggnnngatag** 1260
135 gtcgggacgg agacctgtct tcttatttta acgtgactgt ataataaaaa aaaaatgata 1320
136 tttcgggaat tgtagagatt gtcctgacac ccttctagtt aatgatctaa gaggaattgt 1380
137 tgatacgtag tatactgtat atgtgtatgt atatgtatat gtatatataa gactctttta 1440
138 ctgtcaaagt caacctagag tgtctggtta ccaggtcaat tttattggac attttacgtc 1500
139 acacacacac acacacacac acacacacgt ttatactacg tactgttatc ggtattctac 1560
140 gtcatataat gggatagggt aaaaggaaac caaagagtga gtgatattat tgtggaggtg 1620
141 acagactacc ccttctgggt acgtagggac agacctcctt cggactgtct aaaactcccc 1680
142 ttagaagtct cgtcaagttc ccggacgaag aggacagagg agacacagtc cgaaaagtta 1740
143 tttttccggc aaatcctttc cctgtttcgt gacactccac cccttgtgga cacttgagtg 1800
144 tcatccttgc gccggaaggt caggtggtac ccgtctgtag gggcggggag acagagccgc 1860

ggggagcta cgagaatcga ctcacagggc gccccgggct tcgcaaatga aacttttta 1920
atctcacaag tttcgtccgg gctcggcgga cctatggcgt cgatccttat taccttatcc 1980
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atagttagac 2350

<210> SEQ ID NO 10
<211> LENGTH: 256
<212> TYPE: PRT
<213> ORGANISM: Mus musculus
<400> SEQUENCE: 10

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20 25 30
Pro Gly Thr Phe Cys Arg Lys Tyr Asn Pro Val Cys Lys Ser Cys Pro
35 40 45
Pro Ser Thr Phe Ser Ser Ile Gly Gly Gln Pro Asn Cys Asn Ile Cys
50 55 60
Arg Val Cys Ala Gly Tyr Phe Arg Phe Lys Lys Phe Cys Ser Ser Thr
65 70 75 80
His Asn Ala Glu Cys Glu Cys Ile Glu Gly Phe His Cys Leu Gly Pro
85 90 95
Gln Cys Thr Arg Cys Glu Lys Asp Cys Arg Pro Gly Gln Glu Leu Thr
100 105 110
Lys Gln Gly Cys Lys Thr Cys Ser Leu Gly Thr Phe Asn Asp Gln Asn
115 120 125
Gly Thr Gly Val Cys Arg Pro Trp Thr Asn Cys Ser Leu Asp Gly Arg
130 135 140
Ser Val Leu Lys Thr Gly Thr Thr Glu Lys Asp Val Val Cys Gly Pro
145 150 155 160
Pro Val Val Ser Phe Ser Pro Ser Thr Thr Ile Ser Val Thr Pro Glu
165 170 175
Gly Gly Pro Gly Gly His Ser Leu Gln Val Leu Thr Leu Phe Leu Ala
180 185 190
Leu Thr Ser Ala Leu Leu Leu Ala Leu Ile Phe Ile Thr Leu Leu Phe
195 200 205
Ser Val Leu Lys Trp Ile Arg Lys Lys Phe Pro His Ile Phe Lys Gln
210 215 220
Pro Phe Lys Lys Thr Thr Gly Ala Ala Gln Glu Glu Asp Ala Cys Ser
225 230 235 240
Cys Arg Cys Pro Gln Glu Glu Glu Gly Gly Gly Gly Gly Tyr Glu Leu
245 250 255

VERIFICATION SUMMARY
PATENT APPLICATION **US/08/955,572B**

DATE: 08/03/1999
TIME: 16:21:05

Input Set: **H955572B.RAW**

Line	?	Error/Warning	Original Text
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